



COLLABORATIVE ENGINEERING DESIGN AND ANALYSIS ROOM

Purpose:

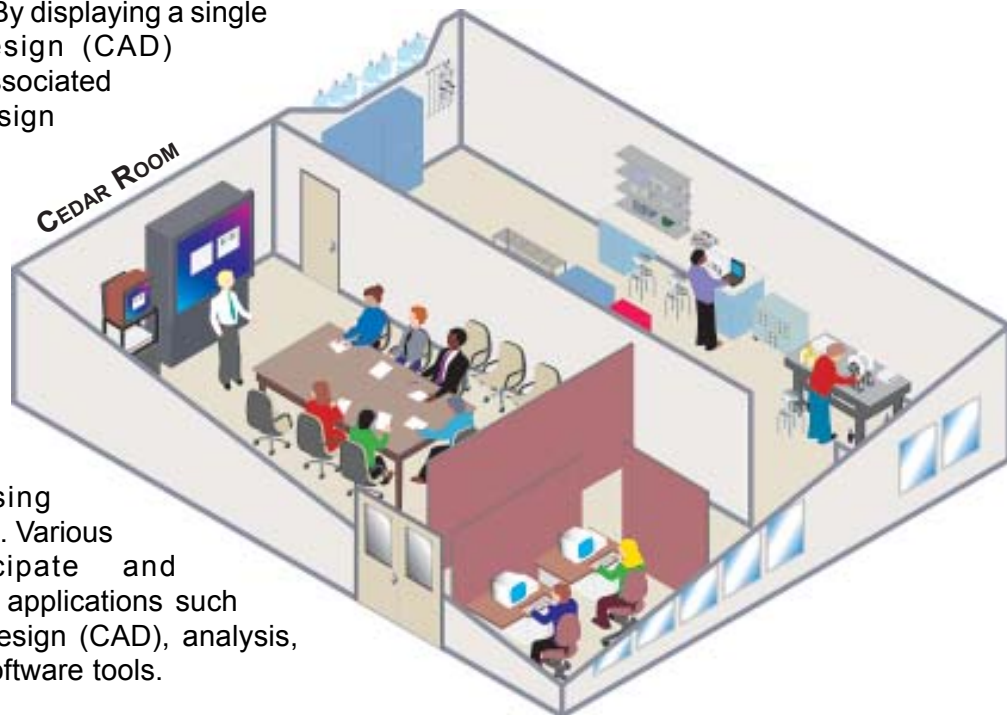
To operate as an integrated structural, thermal, aerodynamic, and system control design center geared to support the implementation phase for vehicle and payload specification, performance modeling & simulation, design, and analysis.

Collaborative Engineering Design and Analysis Room (CEDAR) is an engineering design conference room where people from various locations can meet and review detailed design and analysis information. There is a large screen projection system that is run from high-end computer systems with various design and analysis software installed. Projects that are required to share design and configuration management information are able to hold real-time design reviews. By displaying a single computer aided design (CAD) master model and associated analysis results, design teams can meet and address specific and detailed technical issues.

Engineers can also virtually meet with their colleagues across NASA centers and with industry using collaboration software. Various sites can participate and simultaneously share applications such as computer aided design (CAD), analysis, and common office software tools.

Projects that benefit greatly by the real time display of detailed design and analysis data are NASA-wide as well as In-house.

CEDAR is located in Building 4666 and can seat approximately 20 people. CEDAR can be scheduled on-line at:
<http://www.ies.msfc.nasa.gov/ed23/cedar>.



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